

6/11/2018

Print



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier Item No	Line No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO039984	MCM001-VU	2	1	2% 10 Net 30	8547K45	Tube ALT. P/N 8547K893				60	6/12/2018	12		S080007	Stock	6/11/2018	\$ 31.52 / ft	0		\$378.24	McMaster-Carr Supply Co.
Total:										60		12								\$378.24	

Plex 6/11/2018 4:34 PM dart, Tollis Andrew



McMASTER-CARR®

200 Aurora industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO039984
Order Placed By
Chantal Lavoie

McMaster-Carr Number
4088649-06

Packing List

Page 1 of 2

06/07/2018

Line	Product	Ordered	Shipped
2	8547K893 Tube Made From PTFE, 1" OD x 1/2" ID <i>8547K45</i>	60 Feet	12

Shipped separately from our Cleveland warehouse on 05/24

3	88805K74 Architectural 6063 Aluminum 90 Degree Angle, 1/8" Wall Thickness, 1/2" High x 1/2" Wide, 8 Feet Long	2 Each	2
4	1095K41 Zinc-Plated Steel Grease Fitting, Straight, 1/4"-28 SAE-LT Male, 35/64" Overall Length	1 Pack	1
5	95229A460 Cadmium-Plated Steel MIL. Spec. Washer for 5/16" Screw Size, NAS 1149-F0563P	1 Pack	1
6	8739K45 White Delrin Acetal Resin Oversized Bar, 3/4" Thick, 3" Wide, 4' Length	4 Feet	4
7	1897A59 Oval Grip Pull Handle with Threaded Holes, Aluminum, 4-9/16" Center-to-Center Width	4 Each	4
8	90107A029 316 Stainless Steel Washer for 1/4" Screw Size, 0.281" ID, 0.625" OD	1 Pack	1
9	90128A265 Zinc Plated Alloy Steel Socket Head Screw, M6 x 1 mm Thread, 25 mm Long	1 Pack	1
10	9559K41 Ultra-High Purity Chemical-Resistant Rigid PTFE O-Ring, 1/8 Fractional Width, Dash Number 219	3 Packs	3
11	97524A032 Sealing Blind Rivets, Aluminum, Domed Head, with Aluminum Mandrel, 1/8" Diameter, 0.425" Long	2 Packs	2
12	98002A202 Steel Binding Barrels and Screws, 10-24 Thread Size, for 3/8"-1/2" Material Thickness	1 Pack	1
13	98380A473 416 Stainless Steel Dowel Pins, 1/8" Diameter, 3/4" Long	1 Pack	1
14	98381A510 Dowel Pin, Alloy Steel, 3/16" Diameter, 1" Long	1 Pack	1

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO039984

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McMaster-Carr Number
4088649-06

Page 2 of 2

06/07/2018

Line	Description	Ordered	Shipped
15	99908A102 High-Strength Steel Nylon-Insert Flange Locknut, Class 10, Zinc Yellow-Chromate Plated, M8 x 1.25 mm Thread	1 Pack	1
16	90576A118 Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M10 x 1.5 mm Thread	1 Pack	1
17	8893K19 Tight-Tolerance Multipurpose O1 Tool Steel Rod, 0.7500" Diameter, 6 Feet Long	3 Each	3
18	8485T13 Incandescent-Illuminated Magnifying Glass, 10x, 1-1/4" Long x 1-3/8" Wide Lens	6 Each	6
19	91343A100 316 Stainless Steel Serrated Flange Locknut, Super-Corrosion-Resistant, 1/4"-20 Thread Size	5 Packs	5
20	12335A13 Water- & Weather-Resistant Rubber Push-on Seal with Bulb on Top, Hollow, for 3/64"-1/16" Edge, 10' Long	10 Feet	10
21	8695K712 Abrasion-Resistant Polyurethane Rubber Rod, 48" Long, 3/8" Diameter, 80A Durometer	1 Each	1
1	2572T63 Ultra-Machinable 360 Brass Rod with Certification, 1-1/2" Diameter, 6 Feet Long	2 Each	2
2	8547K893 Tube, Made From PTFE, 1" OD x 1/2" ID	60 Feet	48



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039984

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO039984
PO Date: 5/24/18
Due Date: 5/29/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: 2% 10 Net 30
Freight Terms:
Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	MT-BRASS-C360-R1.500	2572T63 6 ft long	Brass C360 Round Bar 1.500"	Firmed	5/29/18	12 ft	0 ft	12 ft	\$46.55667/ft	\$558.68
2	8547K45	6 ft long	Tube ALT. P/N 8547K893 receive ea	Firmed	5/29/18	60 ft	0 ft	60 ft	\$34.25/ft	\$2,055.00
3	88805K74		6063 Aluminum 90° Angle, 1/8" Wall Thickness, 1/2" High x 1/2" Wide	Firmed	5/29/18	16 ft	0 ft	16 ft	\$1.36125/ft	\$21.78
4	1095K41	10/pk	Zerk	Firmed	5/29/18	10 Ea	0 Ea	10 Ea	\$0.352/Ea	\$3.52
5	95229A460	100/pk	Washer receive pcs	Firmed	5/29/18	100 pcs	0 pcs	100 pcs	\$0.0665/pcs	\$6.65
6	MDELRINB0.750X3.000W	8739K45	M Delrin Bar, White : MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL receive ft	Firmed	5/29/18	4 ft	0 ft	4 ft	\$24.16/ft	\$96.64
7	1897A59		Handle	Firmed	5/29/18	4 Ea	0 Ea	4 Ea	\$4.56/Ea	\$18.24
8	90107A029	100/pk	Flat Washer	Firmed	5/29/18	100 Ea	0 Ea	100 Ea	\$0.0825/Ea	\$8.25
9	90128A265	100/pk	Socket Head Cap Screw	Firmed	5/29/18	100 Ea	0 Ea	100 Ea	\$0.1322/Ea	\$13.22
10	9559K41	10/pk	O-Ring	Firmed	5/29/18	30 Ea	0 Ea	30 Ea	\$1.268/Ea	\$38.04
11	97524A032	100/pk	Sealing Blind Rivet receive ea	Firmed	5/29/18	200 Ea	0 Ea	200 Ea	\$0.0982/Ea	\$19.64
12	98002A202	10/pk	Binding Post	Firmed	5/29/18	10 Ea	0 Ea	10 Ea	\$0.415/Ea	\$4.15

Plex 5/24/18 2:48 PM dart.lavoie.chantal

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
13	98380A473	10/pk	Dowel Pin	Firmed	5/29/18	20 Ea	✓ 25 0 Ea	20 Ea	\$0.837/Ea	\$16.74
14	98381A510	50/pk	Pin	Firmed	5/29/18	50 Ea	✓ 50 0 Ea	50 Ea	\$0.214/Ea	\$10.70
15	99908A102	50/pk	Flande Locknut, Steel	Firmed	5/29/18	50 Ea	✓ 50 0 Ea	50 Ea	\$0.2526/Ea	\$12.63
16	C10-35	90576A118 50/pk	Cage Bumper Nut	Firmed	5/29/18	50 pcs	✓ 50 0 pcs	50 pcs	\$0.1828/pcs	\$9.14
17	MT-O1-R0.750	8893K19 6 FT long	Tool Steel Round Bar 0.750 dia. receive ft	Firmed	5/29/18	18 ft	✓ 18 0 ft	18 ft	\$5.98/ft	\$107.64
18	RBT18561-31	8485T13	10X Magna-Lite	Firmed	5/29/18	6 Ea	✓ 6 0 Ea	6 Ea	\$26.29/Ea	\$157.74
19	D2484P	91343A100 10/pk	Lock Nut	Firmed	5/29/18	50 pcs	✓ 50 0 pcs	50 pcs	\$0.363/pcs	\$18.15
20	12335A13	10 ft long	Edge Grip	Firmed	5/29/18	10 Ea	✓ 10 0 Ea	10 Ea	\$2.43/Ea	\$24.30
21	8695K712		Polyurethane Rod 3/8 Dia., 48" Long, 80A (HARD)	Firmed	5/29/18	4 ft	✓ 4 0 ft	4 ft	\$10.035/ft	\$40.14
Grand Total:										\$3,240.99
Order Notes										
Procurement Quality Clauses A005 RIGHT OF ENTRY A016 PERSONNEL QUALIFICATION A026 CERTIFICATION OF MATERIAL CONFORMANCE A032 DOCUMENT SPECIAL REQUIREMENTS A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS A040 NOTIFICATION OF QUALITY ESCAPE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM A049 SUPPLIER AWARENESS										
Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.										

Plex 5/24/18 2:48 PM dart.lavoie.chantal

Chantal Lavoie

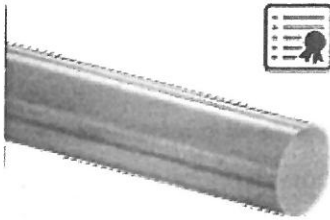
From: Daniel Paquette
Sent: Thursday, May 24, 2018 2:00 PM
To: Kim Johnston; Michelle GagnonDonovan; Chantal Lavoie
Subject: Parts to enter into PLEX/Order Ref: C2-7-2

Kim/Michelle please enter into PLEX. Thanks.

Chantal please order one of this. 80A (Hard) . Thanks.

	Each		Each		Each		Each
8695K371	\$15.22	8695K151	\$25.49	8695K431	\$32.46	8695K711	\$38.05
8695K372	16.06	8695K152	27.22	8695K432	36.11	8695K712	40.14
<div><div>Product Detail</div><div>Abrasion-Resistant Polyurethane Rubber Rod, 48" Long, 3/8" Diameter</div><div>Durometer</div><div>40A (Medium Soft)</div><div>60A (Medium Hard)</div><div>75D (Extra Hard)</div><div>80A (Hard)</div><div>90A (Extra Hard)</div><div>95A (Extra Hard)</div><div>Each</div><div>ADD TO ORDER</div></div>							
8695K373	17.08	8695K153	28.61	8695K433	38.43	8695K713	42.70
8695K374	20.54	8695K154	33.15	8695K434	46.22	8695K714	51.36
8695K375	22.30	8695K155	36.89	8695K435	50.17	8695K715	55.74
8695K376	27.47	8695K141	40.23	8695K421	59.74	8695K761	68.67
8695K377	28.86	8695K156	48.35	8695K436	64.95	8695K716	72.16
8695K378	32.99	8695K142	55.26	8695K422	71.76	8695K764	82.48
8695K379	36.47	8695K157	61.09	8695K437	82.05	8695K717	91.18

Ultra-Machinable 360 Brass Rods with Certification



- Yield Strength: 15,000 psi
- Hardness:
3/32" to 15/32" dia.: Not Rated
All other sizes: Rockwell B25 (Soft)
- Temper: H02 (1/2 Hard)
- Heat Treatable: No
- Specifications Met: ASTM B16

MT- BRASS-C360-R 1.500
x37+

These rods come with a traceable lot number and test report. With the highest lead content of all the brass alloys, 360 offers the best machinability. Often called free-machining and free-cutting brass, it stands up to high-speed drilling, milling, and tapping operations with minimal wear on your tools. It's commonly used for gears, pinions, and lock components.

Dia.	Dia. Tolerance Range		3 ft. Lg.
1 1/2"	-0.003" to 0.003"	2572T63	\$168.32



Product Detail

Ultra-Machinable 360 Brass Rod with Certification, 1-1/2" Diameter, 3 Feet Long

☐ Each

ADD TO ORDER

Delivers Thursday
10-12 pm

8547K45

X 20

Chantal Lavoie

From: Daniel Paquette
Sent: Wednesday, May 16, 2018 1:47 PM
To: Kim Johnston; Chantal Lavoie
Subject: Part to enter into PLEX/Order Ref: RBEM720V6000102

Kim please enter into PLEX. Thanks.

Chantal please order one of this. Thanks.

1" T5 (Hardened) -320° to 212° 0.013" per ft. 88805K74 6.75 **10.89**

Product Detail

Architectural 6063 Aluminum 90 Degree
Angle, 1/8" Wall Thickness, 1/2" High x
1/2" Wide

☐ Each

ADD TO ORDER

Length, ft.

✓ 8

In stock

1"	T5 (Hardened)	-320° to 212°	0.013" per ft.	88805K76	10.09	17.39
1"	T5 (Hardened)	-320° to 212°	0.013" per ft.	88805K92	14.12	24.35
1"	T5 (Hardened)	-320° to 212°	0.013" per ft.	88805K16	7.61	12.27
1"	T5 (Hardened)	-320° to 212°	0.013" per ft.	88805K75	9.29	16.02

White Delrin® Acetal Resin Oversized Bar

3/4" Thick, 3" Wide

Delivers tomorrow 10-12 pm
\$96.64 Each
8739K45



Material	Delrin® Acetal Plastic
Cross Section	Rectangle
Shape	
Construction	Solid
Texture	Smooth
Color	White
Clarity	Opaque
Thickness	3/4"
Thickness	0" to +0.025"
Tolerance	
Tolerance Rating	Oversized
Width	3"
Width Tolerance	0" to +1/4"
Length	4 ft.
Backing Type	Plain
Hardness	Rockwell M90
Hardness Rating	Hard
For Use Outdoors	No
Temperature	
Range	-20° to 180° F
Impact Strength	1.00 ft.-lbs./in.
Impact Strength	
Rating	Good
Tensile Strength	9,000 psi
Tensile Strength	
Rating	Good
Specifications	ASTM D6100, Made of
Met	FDA Listed Material, NSF/ANSI Standard 51 for Food Contact, NSF/ANSI Standard 61 for Drinking Water
Density	0.051 lbs./cu. in.
Coefficient of	
Friction	0.20
Dielectric	
Strength	435 V/mil
Water Absorption	0.30%
Coefficient of	
Thermal	8.5 × 10 ⁻⁵ in./in./°F
Expansion	

RoHS

Compliant

These sheets, bars, and strips are made of Delrin® acetal resin, a wear-resistant material with a naturally slippery surface. Also known as acetal homopolymer, it resists moisture and has the ability to hold tight tolerances. It's often used for gears, bushings, and bearings.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 8547K45
 DATE: JUN 12 2018

PO / BATCH NO. 039984/508007

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.0225
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	tube 8547K45 (8547K893)
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	PO# 039984 Part # 8547K45
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> DATE: <u>11 JUN 12 2018</u> 9-89	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

Teflon® PTFE

For comparative information about plastics, see page 3692.

Tubes Made from Teflon® PTFE



- Color: White
- Temperature Range: -350° to 500° F
- Tensile Strength: 4,500 psi (Poor)
- Impact Strength: 2.00 ft.-lbs/in. (Good)
- For Use Outdoors: Yes
- Specifications Met: ASTM D1710, Made of FDA Listed Material, UL 94V0

Protect wires, cords, and anything that can fit inside these tubes from solvents. They're also used to fabricate parts that slide and roll, such as bearings and gears. These tubes are made from virgin Teflon® PTFE which surpasses most plastics when it comes to chemical resistance and performance in extreme temperatures. It is also an excellent electrical insulator. OD is oversized and ID is undersized for finishing to the sizes listed.

OD	Tolerance Rating	ID	Wall Thick.	Lengths, ft.	Per Ft.
1/4"	Oversized	1/16"	3/32"	1, 2, 3, 4, 5, 6	8547K22 \$4.75
1/4"	Oversized	1/8"	1/16"	1, 2, 3, 4, 5, 6	8547K23 3.26
5/16"	Oversized	3/16"	1/16"	1, 2, 3, 4, 5, 6	8547K24 4.47
3/8"	Oversized	1/4"	1/16"	1, 2, 3, 4, 5, 6	8547K11 4.89
7/16"	Oversized	5/16"	1/16"	1, 2, 3, 4, 5, 6	8547K25 6.68
1/2"	Oversized	1/2"	1/8"	1, 2, 3, 4, 5, 6	8547K31 8.66
1/2"	Oversized	5/8"	3/32"	1, 2, 3, 4, 5, 6	8547K82 7.89
1/2"	Oversized	3/4"	1/16"	1, 2, 3, 4, 5, 6	8547K12 6.90
5/8"	Oversized	7/16"	1/16"	1, 2, 3, 4, 5, 6	8547K27 7.36
5/8"	Oversized	1/2"	3/16"	1, 2, 3, 4, 5, 6	8547K32 14.62
5/8"	Oversized	3/4"	1/8"	1, 2, 3, 4, 5, 6	8547K26 12.00
3/4"	Oversized	1/2"	1/16"	1, 2, 3, 4, 5, 6	8547K91 7.60
3/4"	Oversized	1/4"	1/8"	1, 2, 3, 4, 5, 6	8547K42 24.19
3/4"	Oversized	3/8"	3/16"	1, 2, 3, 4, 5, 6	8547K63 19.15
3/4"	Oversized	1/2"	1/8"	1, 2, 3, 4, 5, 6	8547K13 14.49
3/4"	Oversized	5/8"	1/16"	1, 2, 3, 4, 5, 6	8547K28 8.86
3/4"	Oversized	3/4"	1/4"	1, 2, 3, 4, 5, 6	8547K44 36.54
7/8"	Oversized	5/8"	1/8"	1, 2, 3, 4, 5, 6	8547K14 17.41
1"	Oversized	1/2"	1/4"	1, 2, 3, 4, 5, 6	8547K45 34.25
1"	Oversized	5/8"	3/16"	1, 2, 3, 4, 5, 6	8547K46 30.67
1"	Oversized	3/4"	1/8"	1, 2, 3, 4, 5, 6	8547K15 20.15
1"	Oversized	7/8"	1/16"	1, 2, 3, 4, 5, 6	8547K29 13.82
1 1/4"	Oversized	7/8"	3/16"	1, 2, 3, 4, 5, 6	8547K16 32.13
1 1/4"	Oversized	1"	1/8"	1, 2, 3, 4, 5, 6	8547K47 25.63
1 3/8"	Oversized	7/8"	1/4"	1, 2, 3, 4, 5, 6	8547K39 41.30
1 3/8"	Oversized	1"	3/16"	1, 2, 3, 4, 5, 6	8547K17 34.67
1 1/2"	Oversized	1"	1/4"	1, 2, 3, 4, 5, 6	8547K36 45.05
1 1/2"	Oversized	1 1/4"	1/8"	1, 2, 3, 4, 5, 6	8547K18 26.57
1 3/4"	Oversized	1 3/8"	3/16"	1, 2, 3, 4, 5, 6	8547K19 43.25
1 3/4"	Oversized	1 1/2"	1/8"	1, 2, 3, 4, 5, 6	8547K38 31.02
1 3/4"	Oversized	1 1/2"	3/16"	1, 2, 3, 4, 5, 6	8547K36 46.27
2"	Oversized	1 1/2"	1/4"	1, 2, 3, 4, 5, 6	8547K21 59.58
2"	Oversized	1 3/4"	1/8"	1, 2, 3, 4, 5, 6	8547K41 35.97
2 1/4"	Oversized	1 1/2"	3/8"	1, 2, 3, 4, 5, 6	8547K33 96.83
2 1/2"	Oversized	2"	1/4"	1, 2, 3, 4, 5, 6	8547K37 78.10
3"	Oversized	2"	1/2"	1, 2, 3, 4, 5, 6	8547K34 143.71

3" Lg. 6" Lg. 12" Lg.

OD	Tolerance Rating	ID	Wall Thick.	Each	Each	Each
3 1/2"	Oversized	3"	1/4"	8556K12 \$59.35	8556K15 \$96.75	8556K12 \$165.40
4"	Oversized	2"	1"	8556K14 99.00	8556K17 168.62	8556K19 314.37
4"	Oversized	2 1/2"	3/4"	8556K11 81.91	8556K41 144.90	8556K71 255.42
4"	Oversized	3"	1/2"	8556K10 62.91	8556K46 108.20	8556K75 196.73
4"	Oversized	3 1/2"	1/4"	8556K22 66.19	8556K24 105.68	8556K25 177.49
4 1/2"	Oversized	4"	1/4"	8556K26 70.70	8556K28 118.20	8556K29 195.30
5"	Oversized	2 1/2"	1 1/4"	8556K13 139.33	8556K43 254.23	8556K73 475.10
5"	Oversized	4"	1/2"	8556K27 75.61	8556K57 136.37	8556K87 244.05
6"	Oversized	3"	1 1/2"	8556K21 189.09	8556K51 353.66	8556K81 642.05
6"	Oversized	4"	1"	8556K23 148.62	8556K53 271.18	8556K83 498.60
6"	Oversized	5"	1 1/2"	8556K33 92.41	8556K63 160.40	8556K93 288.17
7"	Oversized	3"	2"	8556K36 271.18	8556K66 506.77	8556K96 926.76
7"	Oversized	5"	1"	8556K37 174.98	8556K67 325.40	8556K97 579.62
7"	Oversized	5 1/2"	3/4"	8556K38 142.06	8556K68 258.77	8556K98 467.44

Rods Made from Teflon® PTFE



- Color: White
- Temperature Range: -350° to 500° F
- Tensile Strength: 4,500 psi (Poor)
- Impact Strength: 2.00 ft.-lbs/in. (Good)
- For Use Outdoors: Yes
- Specifications Met: 3-A Certified, ASTM D1710, Made of FDA Listed Material, UL 94V0

Fabricate parts that slide and roll, such as bearings, gears, and rollers. Teflon® PTFE, which surpasses most plastics when it comes to chemical resistance and performance in extreme temperatures. It resists most solvents and is an excellent electrical insulator.

Dia.	Dia. Tolerance	Lengths, ft.	Per Ft.
1/8"	0" to +0.002"	1, 2, 3, 4, 5, 6	8548K21 \$1.2
3/16"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K22 1.6
1/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K21 2.2
5/16"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K23 3.6
3/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K12 5.1
7/16"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K42 5.6
1/2"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K15 7.3
9/16"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K43 9.0
5/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K14 10.9
3/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K14 12.9
7/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K15 15.4
1 1/16"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K45 16.1
1 1/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K26 21.1
1 1/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K46 24.0
1 1/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K16 27.1
1 1/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K15 34.7
1 3/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K17 40.6
1 1/2"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K17 46.0
1 5/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K18 53.1
1 3/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K26 64.3
1 7/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K19 77.8
2"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K17 95.8
2 1/8"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K19 98.7
2 1/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K17 115.1
2 1/2"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K15 150.0
2 3/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K46 178.7
3"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K22 221.7
3 1/4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K49 248.8
3 1/2"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K23 285.1
4"	0" to +0.005"	1, 2, 3, 4, 5, 6	8548K14 358.0
4 1/2"	0" to +0.005"	1, 2, 3	8548K15 465.0
5"	0" to +0.005"	1, 2, 3	8548K14 487.7
6"	0" to +0.005"	1, 2, 3	8548K15 672.9

Dia.	Dia. Tolerance	1" Lg.	3" Lg.	6" Lg.
3"	0" to +0.120"	1396T11 \$12.40	1396T21 \$31.68	1396T21 5
3"	0" to +0.180"	1396T12 28.05	1396T22 72.15	1396T22 1
4"	0" to +0.240"	1396T13 49.84	1396T23 128.16	1396T23 2
5"	0" to +0.300"	1396T14 68.63	1396T24 180.29	1396T24 3
6"	0" to +0.360"	1396T15 96.14	1396T25 252.36	1396T25 4
8"	0" to +0.157"	1396T16 190.94	1396T26 527.79	1396T26 1.0

Hexagonal Bars Made from Teflon® PTFE



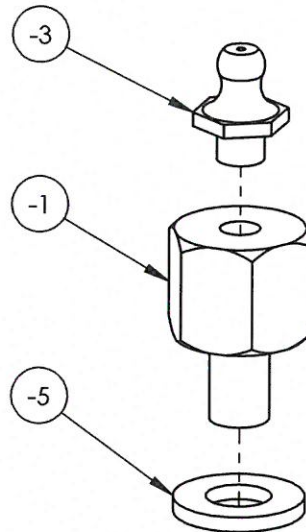
- Color: White
- Temperature Range: -350° to 500° F
- Tensile Strength: 4,500 psi (Poor)
- Impact Strength: 2.00 ft.-lbs/in. (Good)
- For Use Outdoors: Yes
- Specifications Met: ASTM 4894, ASTM D1710, Made of FDA Listed Material, UL 94V0

Use these hexagonal bars to fabricate parts that slide. They're made from virgin Teflon® PTFE, which surpasses most plastics when it comes to chemical resistance and performance in extreme temperatures. It resists most solvents and is an excellent electrical insulator.

Wd.	Wd. Tolerance	Lengths, ft.	Per Ft.
1/4"	0" to +0.011"	1, 2, 3, 4, 5, 6	8544K11 \$8.64
3/8"	0" to +0.011"	1, 2, 3, 4, 5, 6	8544K13 15.55

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REVISIONS		
REV	ECR	DESCRIPTION
1		RELEASED FOR PRODUCTION.
2	16-0267	UPDATED TO NEW DRAFTING STANDARD. -1 CH'D DIM WAS 5/16-24 IS 5/16-24 UNF MATERIAL WAS 1018/1020 IS 1018/1020 CR, CH'D FINISH WAS CAD PLATE YELLOW I SPEC ASTM B633 TYPE I SC 2.



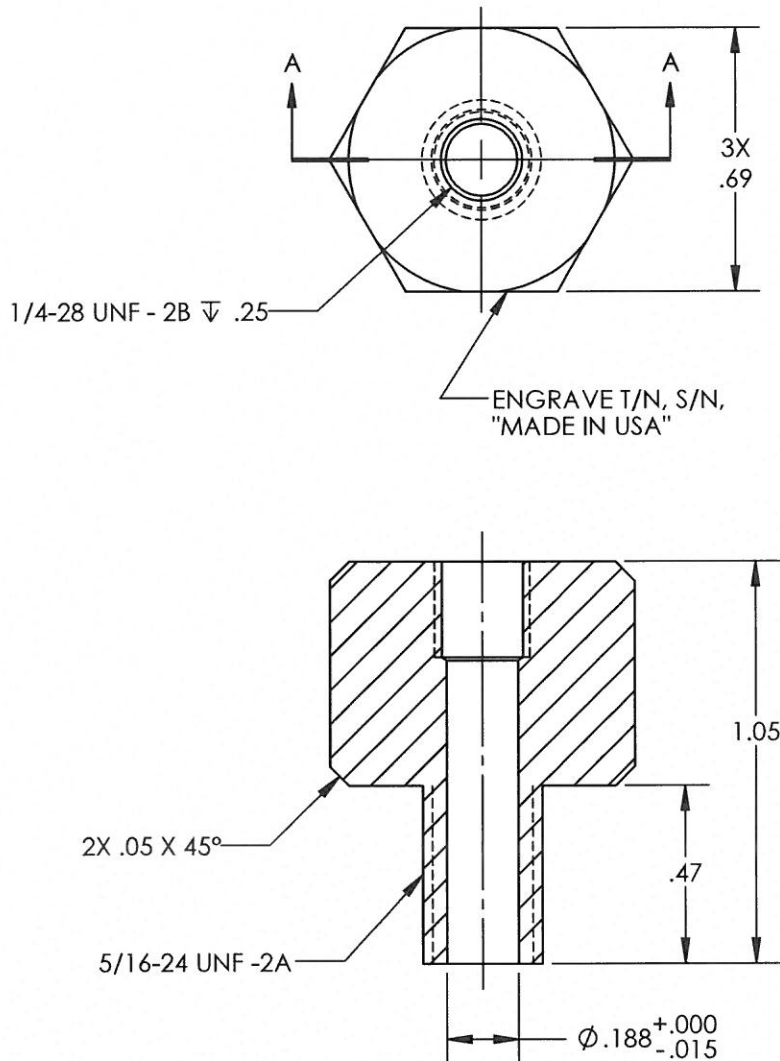
NOTES:
1. REF. AGUSTA T/
2. PART OF KIT: RB

TITLE	
ADAPTER, MC	
DWG NO.	RBW
MAT'L	
HEAT TREAT	
FINISH	
SPEC	
DRAWN BY:	DUERFEL
CHECKED:	MACKOV.
OPPS APPR:	ANDERS
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:1

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	ADAPTER	1018/1020 CR		2
		B/O	-3	1	ZERK	STEEL	STRAIGHT, 1/4-28, 5/16 HEX (MCMASTER-CARR #1095K41)	1
		B/O	-5	1	WASHER	STEEL	Ø5/16 (MCMASTER-CARR #95229A460) x100	1

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REVISIONS		
REV	ECR	DESCRIPTION
2	16-0267	1 CH'D DIM WAS 5/16-24 IS 5/16-24 UNF -2A, CH'D MATERIAL WAS 1018/1020 IS 1018/1020 CR. FINISH WAS CAD PLATE YELLOW IS ZINC PLATE SPEC ASTM B633 TYPE I SC 2.



SECTION A-A

(-1)

ADAPTER

TITLE	
ADAPTER, MC	
DWG NO.	RBW6
MAT'L	1018/1020 CR
HEAT TREAT	
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I
DRAWN BY:	DUERFEL
CHECKED:	MACKOV
OPPS APPR:	ANDERS
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	2:1

Chantal Lavoie

From: Daniel Paquette
Sent: Friday, May 18, 2018 11:18 AM
To: Kim Johnston; Chantal Lavoie
Subject: MT-BRASS-C360-R1.500 Ref; RBW6305G26631-3G-1

Kim please enter into PLEX. Thanks.

Chantal please order 3 feet of this. Thanks.

DANIEL PAQUETTE
Production Engineering Coordinator

DART AEROSPACE
T 1 613 632-5200 > 236
F 1 613 632-5246
1 800 556- 4166
www.dartaerospace.com



Chantal Lavoie

From: Daniel Paquette
Sent: Tuesday, May 22, 2018 2:25 PM
To: Kim Johnston; Chantal Lavoie
Subject: MDELRLNB0.750X3.000W Ref; RBEM633V3002102-17

Kim please enter into PLEX. Thanks.

Chantal please order 4 feet of this. Thanks.

8739 K45

DANIEL PAQUETTE
Production Engineering Coordinator

DART AEROSPACE
T 1 613 632-5200 > 236
F 1 613 632-5246
1 800 556- 4166
www.dartaerospace.com

